WHAT IS CLAIMED IS:

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1. A management object process unit comprising:

a control processing section for performing a control of selectively collecting a plurality of

5   management objects from a managed device; and

a memory section for storing the management objects collected from said managed device;

wherein said control processing section includes an object managing section, having items of

10   classification data for classifying the plurality of management objects respectively, for collecting those of the management objects in advance which are classified to a specific type by the classification data to store the collected management objects in said

15   memory section, for checking, at a time of receiving an object collection request, the classification data for a management object requested by the object collection request, for retrieving the management object confirmed by a check result as being of the specific type from

20   said memory section to transmit the retrieved management object, and for collecting the management object confirmed by the check result as being of a type other than the specific type from said managed device to transmit the collected management object.

25   2. A management object process unit according to claim 1, wherein said items of classification data items are stored in said memory section as management

information which are respectively identified by a plurality of management object identifiers.

3. A management object process unit according to claim 2, wherein said each management information

5   includes attribute data representing an attribute of a corresponding management object, and each classification data is determined based on a corresponding attribute data.

4. A management object process unit according to

10   claim 3, wherein said attribute data includes at least one of a collection time required for collecting the management object, an access frequency of a collection request for the management object, and a value change frequency of the management object.

15   5. A management object process unit according to claim 3, wherein said attribute data includes a collection time required for collecting the management object, and said object managing section includes a processing section for classifying management objects

20   requiring a short collection time to the specific type, and collecting the management objects of the specific type from said managed device to store the management object in said memory section before collecting a management object of the type other than the specific

25   type.

6. A management object process unit according to claim 3, wherein said attribute data includes a

collection time required for collecting the management object, an access frequency of a collection request for the management object, said object managing section includes a processing section for classifying management objects requiring a short collection time

5 and a high access frequency to the specific type, and collecting the management objects of the specific type from said managed device to store the management objects in said memory section before collecting a

10 management object requiring a long collection time.

7. A management object process unit according to claim 3, wherein said attribute data includes a collection time required for collecting the management object, a value change frequency of the management

15 object, said object managing section includes a processing section for classifying management objects requiring a short collection time and a high value change frequency to the specific type, and collecting the management objects of the specific type from said

20 managed device to store the management objects in said memory section before collecting a management object requiring a long collection time.

8. A management object process unit according to claim 4, wherein said object managing section includes

25 a processing section for updating, at the time of receiving a object collection request, the attribute data for the management object requested by the object

collection request, and determining the classification

data for the management object based on a result of

update.

9. A management object process unit according to

claim 1, wherein said object managing section includes

a processing section, having a plurality of response

processing rules for classified types which are

classified by the items of classification data, for

selecting one of the response processing rule based on

the classification data for the management object

requested by the object collection request to produce a

response to the object collection request according to

the selected response processing rule.

10. A machine readable recording medium having a

program of a management object process recorded thereon,

said process comprising steps of:

collecting those of the management objects in

advance which are classified to a specific type by

items of classification data to store the collected

management objects in a memory section;

checking, at a time of receiving an object

collection request, the classification data for a

management object requested by the object collection

request;

retrieving the management object confirmed by a

check result as being of the specific type from the

memory section to transmit the retrieved management

object; and

collecting the management object confirmed by the check result as being of a type other than the specific type from the managed device to transmit the collected

5 management object.

11. A recording medium according to claim 10, wherein said items of classification data items are stored in said memory section as management information which are respectively identified by a plurality of

10 management object identifiers.

12. A recording medium according to claim 11, wherein said each management information includes attribute data representing an attribute of a corresponding management object, and each

15 classification data is determined based on a corresponding attribute data.

13. A recording medium according to claim 12, wherein said attribute data includes at least one of a collection time required for collecting the management

20 object, an access frequency of a collection request for the management object, and a value change frequency of the management object.

14. A recording medium according to claim 12, wherein said attribute data includes a collection time

25 required for collecting the management object, and said management object process includes a process for classifying management objects requiring a short

collection time to the specific type, and collecting

the management objects of the specific type from said

managed device to store the management object in said

memory section before collecting a management object of

5   the type other than the specific type.

15. A recording medium according to claim 12,

wherein said attribute data includes a collection time

required for collecting the management object, an

access frequency of a collection request for the

10   management object, said management object process

includes a process for classifying management objects

requiring a short collection time and a high access

frequency to the specific type, and collecting the

management objects of the specific type from said

15   managed device to store the management objects in said

memory section before collecting a management object

requiring a long collection time.

16. A recording medium according to claim 12,

wherein said attribute data includes a collection time

20   required for collecting the management object, a value

change frequency of the management object, said

management object process includes a process for

classifying management objects requiring a short

collection time and a high value change frequency to

25   the specific type, and collecting the management

objects of the specific type from said managed device

to store the management objects in said memory section

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before collecting a management object requiring a long collection time.

17. A recording medium according to claim 13, wherein said management object process includes a process for updating, at the time of receiving a object collection request, the attribute data for the management object requested by the object collection request, and determining the classification data for the management object based on a result of update.

18. A recording medium according to claim 10, wherein said management object process includes a process for selecting one of response processing rules for classified types which are classified by the items of classification data, based on the classification data for the management object requested by the object collection request to produce a response to the object collection request according to the selected response processing rule.